Status of Claims 1-25
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Claims

1. Canceled
2. Canceled
3. Canceled
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11. Canceled
12. Canceled

13. (new) A software method for defining an E-commerce and portal systems for made to specification product manufactures and service companies that have options, where as Co a, Co b, Co c, and unlimited Companies can have stand alone e-commerce compatible with the portal systems design in this patent allowing quotes and orders to be priced with the defined methods that allows prospects with Internet access to see a quoted price in real time instead of static forms with quote results emailed back to them in the stand alone mode or in the portal mode to allow the prospect to select which companies they want to quote and the prospect completes the option questions then the portal sends the Request For Quote-RFQ to selected Co a, Co b, Co c via Web Services with each company pricing the RFQ and sending the price back if all requested options are available otherwise a no bid via Web Services to the portal so it is displayed to the prospect in seconds, allowing the prospect to see all of the price quotes on one page, and then allowing selections as to whom the order is awarded to with the Companies Order number is sent back via web services to the prospect which will save businesses the man hours of manually processing the RFQ and sending it via e-mail as well as optimizing the prospects time of getting the quote on one page in seconds from multiple suppliers.

14. (New) A software method for defining an E-commerce and Portal systems for product specifications utilizing option variable questions to automatically generate a prospects user e-Commerce screen that is connected to the internet or intranet, derived from an XML Schema Definition-XSD (maintained standard by W3C) file indicated as a given implementation of just one schema and any other applicable schema's file name can be used in other implementation such as Document Type Definition-DTD files, or other new industry schemas as defined as following:

    a) Title of data input to be displayed on the screen for each of the XSD elements as an example <title>1 Width Inches</title> ;

    b) More information links to allow opening of another screen that the site administrator can have complete control of the layout while still transferring option selection information as an example <helpURL>/MoreInfo/M2specsXML339950-2201-001.html#width</helpURL> ;

    c) The width of the screen for 14 b) as an example <helpwidth>700</helpwidth>;

    d) The height of the screen for 14 b) as an example <helpheight>350</helpheight>;

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e) The title of the screen for 14 b) as an example <helptitle>More Info For 1 Width Window Inches </helptitle>;

f) Format ability of Displaying on the prospects screen the prompt questions, input, & more information link on the following conditions as an example;
    All on the same line is default;
    Multiple elements on the same line = <prompt>SameLine</prompt>;
    The prompt is on one line and input/more information link on the next line =
    <prompt>NewLine</prompt>;
    The ability for a system parameter to specify percentages of the line each screen element component will occupy for 1 a) & 1 b);
        The "40:60/40:50:10" notation means 'if there is no more info, make a 40% prompt and 60% option;
        if there *is* a more info link, make a 40% prompt, then 50% option, then 10% more info', similarly for the same line case, where there are four/five
        numbers instead of two/three, because there are two prompt/options on a line, and for the NewLine case, when there is no width for the prompt string, just for the option (and possibly the more info link);
    <add key="PSC_ColSpan_Normal" value="50:50/40:50:10" />;
    <add key="PSC_ColSpan_SameLine" value="25:25:25:25/20:25:20:25:10" />;
    <add key="PSC_ColSpan_NewLine" value="100/90:10" />;

g) Type of data input errors occur as an example <xs:restriction base="xs:integer"> Other types are string, decimal, & any allowed type in XSD;

h) Edit rules allowed on the user answers on his screen:
    Low = as an example <xs:minInclusive value="6" /> ;
    Max = as an example <xs:maxInclusive value="6" /> ;
    High = <xs:maxLength value="25" /> ;
    Patern = <xs:pattern value="[0-9]+(\.[0-9]+)?" /> ;
    Any allowed type in XSD;

i) Error message words if input errors occur in 14 h) as an example <errormessage>1 Width Must be Minimum 6, no Max </errormessage>, and

j) Parameter to indicate if the price of an options drop down is displayed as an example <display-price>True</display-price>.

15. (new) The method of claim 14 wherein that by repeating the elements in the XSD to achieve unlimited elements option specifications product option questions.

16. (new) The method of claim 14 wherein that option selections will have user definable cross checking between XSD option element selections, the option selections having user definable cross checking between elements selections, as an example
<relations>
    <exact element="CouponID" value="psc#1" errormessage=" 12 Your coupon ID is not valid " />
</relations>
Said selections selected from the group consisting of Six (6) allow types:

    a) minInclusive - a low boundary limit which may be reached;

    The minInclusive element is used to specify a minimum valid value for another element of the XML document, this applies to both numeric values and enumerations; in the latter case, the acceptable range is the specified value and all following it in the definition of the enumeration:

b) minExclusive - a low boundary limit which may not be reached;

The minExclusive element is used to specify a minimum value for another element of the XML document, but the value specified is NOT acceptable, this applies to both numeric values and enumerations; in the latter case, the acceptable range consists of all values following the specified one in the definition of the enumeration;

c) maxInclusive - a high boundary limit which may be reached;

The maxInclusive element is used to specify a maximum valid value for another element of the XML document, this applies to both numeric values and enumerations; in the latter case, the acceptable range is the specified value and all preceding it in the definition of the enumeration;

d) maxExclusive - a high boundary limit which may not be reached;

The maxExclusive element is used to specify a maximum value for another element of the XML document, but the value specified is NOT acceptable, this applies to both numeric values and enumerations; in the latter case, the acceptable range consists of all values preceding the specified one in the definition of the enumeration;

e) exact - an exact value;

The exact element is used to specify an exact value for another element of the XML document, this applies to all non-composite XSD types: numeric types, strings, and enumerations, and

f) pattern - a regular expression pattern match

The pattern element is used to specify a regular expression pattern that another element of the XML document should match, this applies to all XSD types derived from the string type.

17. (new) A software method wherein E-commerce system further processes the option specifications for the product utilizing the XSL file the ability of math to compute result fields back into the e-commerce product:

   a) Selling price as an example <price><xsl:value-of select="$FinalPriceMin " /> </price>;

   b) Shipping cost as an example <freight type="Shipping is   Selected mode in $persqft "> </freight>;

<xsl:value-of select="$FinalShipMin" /></freight>;

   c) Sales tax as an example <xsl:value-of select="($SalesTax_price div 100) * $FinalPriceMin * $productqty" /> </tax>;

   d) Other fields as an example <xsl:variable name="productDiscount" select=" $basePrice - ($basePrice * $productqtyDiscount) " />.

18. (new) The method of claim 14 wherein for **File upload:** The input allows for the location of a local computer file to be uploaded to the server to a designated location:

   a) **Upload URL:** Location on the web server directory via ftp, as an example

      c:/webhost4life aspnet/sriflcom/www_devstore/InputProductImages/ straight directory upload, and

      for ftp://PSCFTPData:LogOnID@ftp.srifl.com/DataPath/;

   b) **Upload temp URL:** The temp directory is specified as to where the file is placed until final check then it is put in the next location, as an example

      c:/webhost4life/aspnet/sriflcom/www_devstore/InputProductImages/temp .

19. (new) The method of claim 14 wherein for indication of an element being a SVG graphic type as an example <isSVGFile>true</isSVGFile>, of what can be achieved, with the aspect to dynamically integrate the original master SVG graphic while linking the graphics to option specific related items is the pricing ability, real time new graphic design display ability, and saving the results in a single database table row along with the XML options selected.

20. (new) The method of claim 14 wherein for order final checkout will NOT occur until update cart has been successfully completed without any errors on any of the elements for processing integrity.

21. (new) The method of claim 14 wherein for each option is contained in an element definitions for standalone and for the Portal access additional subset <xs:annotation> within each element of the e-commerce system, allowing in the Portal the prospects to select by the subset options without forcing in house namespace labels as an example <m2specsXMLelID>QuoteOrderType</m2specsXMLelID>.

22. (new) The method of claim 13 wherein for a system defined allowed number of suppliers that a prospect can select to provide quotes via Web Services.

23. (new) The method of claim 13 wherein for the returned quoted price via web services is displayed to the prospects screen with the ability to select the supplier to award the contract.

24. (new) The method of claim 13 wherein the portal mode that allows for the prospect continues on to the awarded supplier's e-commerce site for completion of credit processing information to consummate the commerce transaction.

25. (new) The method of claim 13 wherein for the portal will retain element options selected history information of the transactions.

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